	3	CUN	FIDENTIAL	
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ORIG CLA	ss <u>S</u> pages	/ REV CLASS	¿ DEC 1956	
JUST 2	2 nexy bea 2	2010 AUTH: HR 16-2	vedi	
	MEMORANDUM P	OR THE RECORD:		
		scussion with	Re	25 X 1
	60	O Megacycle Antenna		
	1 On	30 November 1956 I	Ataniana with	25 X 1
	Director of	Research for	the problem of placing an	25X1
	optimum gain		mma into an 8 x 8 x 8 foot space. parized as follows:	25X1
	Λ.	PARABOLA		
		Would be rather e	21 DE gain in the space available. expensive. Good from standpoint that difted or changed for various polari-encies.	
	В,	CORNER REFLECTOR		
		wavelength by thr	16-17 DB gain (this for a five see wavelength reflector with four s). Easily constructed, shipped.	
	c.	YAGI ARRAY		
		of 4.2 wavelength zation, spacing t and with 2.5 wave	could be realized using four bays long yagis. For horizontal polari-wo wavelengths between bays vertically lengths overall horizontal width. s could probably be used to advantage lable.	
	number of ad- and reassemb the complete due to space singly, in participations	vantages insofar as ly are concerned; a array of four or s limitations, the 1 airs, etc. by use o ices. However, the	that the Yagi configuration has a ease of construction, dismantling, dditionally, in circumstances where ix yagi bays cannot be accommodated andividual yagi bays could be employed f appropriate feed harnesses and final decision as to the type of de until the subject has been discussed	
	in more detai			25 X 1
D	3. One	bour of	time was utilized for the above	25 X 1
oti:	discussion.			\\.
	an 4/18/57,	aged to forget ony c	harges for this time BBB ()	25 X 1 -3-75₹↑
	ce: Ranu	CANCINEN	71/1	25 X 1

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